



09/992,479 (S01-019)

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 09/992,479

Atty. Docket No.: S01-019

Filing Date: November 13, 2001

Art Unit: Not Assigned

Applicants: Liu et al.

Examiner: Not Assigned

Title: **Photocurrent Estimation from Multiple Captures for Simultaneous SNR and Dynamic Range Improvement in CMOS Image Sensors**

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, DC 20231

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PRELIMINARY AMENDMENT

Box Non-Fee Amendment
Commissioner of Patents and Trademarks
Washington, DC 20231

Sir: ✓

Kindly amend the application as follows:

IN THE CLAIMS:

- A/
- 1 36. (Amended) The estimation method of claim 9, wherein
 - 2 said determining step comprising statistical signal
 - 3 processing of said multiplicity of measurements, said
 - 4 signal processing being based on a noise model selected
 - 5 from a fixed pattern noise model, a reset noise model, a
 - 6 shot noise model and a read noise model.